106 KEY LED BACKLIT KEYBOARD WITH 50mm TRACKBALL
IP65 sealing

DURALIGHT

IP65   50mm   LED

106 key backlit "Duralight" keyboard with long life, low power LED backlighting using fiber optics techniques. The KSML106-LED series has a multi-functional layout with separate numerical- and control keypads and integrates a large 50mm industrial trackball. Illumination of the key legends and contour, the trackball contour and even customer logo's or trademarks.

MAIN FEATURES

- User-friendly layout with separate numerical-, control- and function keypads
- High brightness LED's with fibre optics
- Illumination of the key legends and contour, the trackball contour and even customer logo's or trademarks.
- Low power LED's warrant for a long life
- No external power supply necessary, keyboard port power sufficient
- Dimmable backlighting at 8 levels by two dedicated keys
- Intelligent luminosity setting of "numlock" and capslock" LED's
- White backlighting as standard, other colours on request.

Panel mount version :
- Aluminium carrier and silicone sponge panel sealing
- Front panel mounting by means of M3 threaded studs.
- Added silicon sponge seal for perfect sealing into the user's panel
- The rear side components are protected by a covering metal plate
- Version with edge protection : In case the keyboard can not be sunk mounted we recommend the bezel for edge protection
- Dimensions / weight :
  version with bezel 447,5 x 167,5 x 45 mm / 1,3 kg
  version without bezel : 432 x 152 x 45 mm / 1,2 kg

Enclosed version :
- The keyboard is mounted in a robust, all steel enclosure
- Industrial epoxy coating (mid-grey).
- Dimensions / weight :   475 x 215 x 57 mm / 3,5 kg

GENERAL TECHNICAL SPECIFICATIONS

Sealing	: IP65 sealed
Keys	: 106 short travel switches, tactile feel switches with 0,3 mm travel and 2,55 N operating force
Pointing Device	: 50 mm trackball, black epoxy resin ball
Operating temp.	: 0°C to +60°C
Power requirements	: Directly from PS/2 or USB port
Front layer	: Black polyester front layer with embossed keys, scratch and chemical resistant

CONNECTIVITY

The PS/2 keyboards are supplied with two 1,6 m long shielded straight cable ended with 6 pin mini DIN plugs. The USB versions are supplied with one 1,6m long shielded straight cable ended by a USB type A connector.

* Due to the increasing differences of PS/2 mouse port specifications of the various PC manufacturers, we do recommend that this unit should be tested on the final PC configuration and operating system prior to installing it in series.

ORDER INFO

3 versions

KSML106 B
KSML106 F
KSML106 S

LAYOUT	PANEL MOUNT WITH BEZEL	PANEL MOUNT	ENCLOSED
US Qwerty	KSML106 B1 xxx-zLED	KSML106 F1 xxx-zLED	KSML106 S1 xxx-zLED

xxx = protocol output : PS/2 or USB
z = backlighting colour : W = white / R = red

VER. 1.0

DIMENSIONAL DRAWING

panel mount version with edge protection bezel

COLOURS
Keyboard & Key Background :
    PANTONE Black 2 C 2X
Key edges & key legends :
    white Translucent

VER. 1.0

DIMENSIONAL DRAWING

panel mount version without bezel
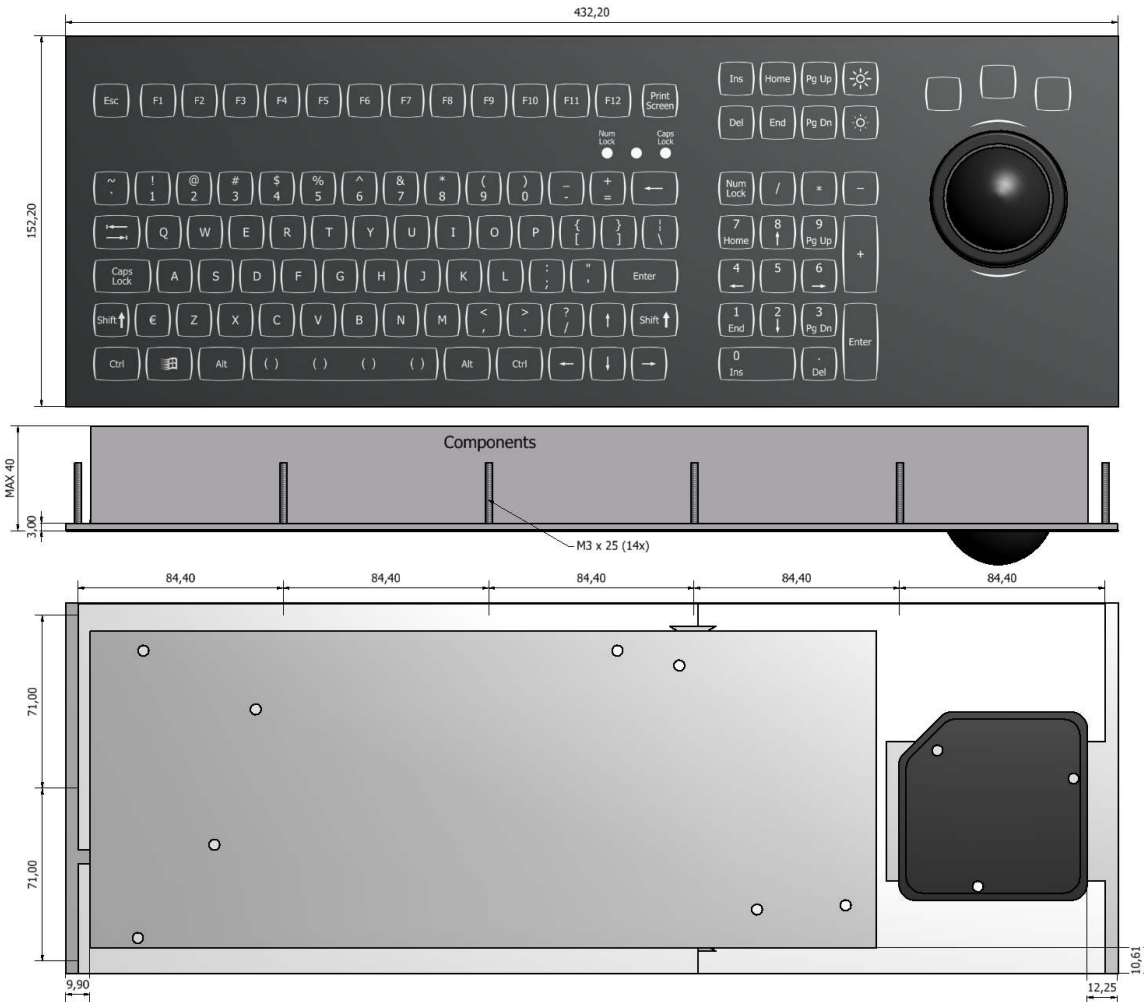

enclosed version

COLOURS
Keyboard & Key Background :
          PANTONE Black 2 C 2X
Key edges & key legends :
          white Translucent

The company reserves the right to alter without prior knowledge the specification or design of any standard product or service.

VER. 1.0